

10/29, B63

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L32	0	(nonwoven non-woven unwoven) same underlayment same adhesive	DERWENT	OR	OFF	2005/09/13 13:46
L33	245	((nonwoven non-woven unwoven) same adhesive) and (floor flooring)	DERWENT	OR	OFF	2005/09/13 13:46
L34	38	33 and foam	DERWENT	OR	OFF	2005/09/13 13:46
L30	29	(nonwoven non-woven) with floor with (adhesive near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:45
L31	4	("4138521").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:45
L29	29	(nonwoven non-woven) with floor with (adhesive near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:32
L28	51	(nonwoven non-woven) with floor with absorbing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:24
L27	2058	(nonwoven non-woven) and floor and absorbing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:17
L14	44	fernando.in. same stroppiana.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:06
L15	6	14 and floor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:06
S2	44	fernando.in. same stroppiana.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:05
L13	16	floor and underlay and (nonwoven non-woven) and absorbing	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/13 13:00

L12	17	("3785913" "3980511" "4138521" "4160060" "4187337" "4279958" "4418108" "4500591" "4522857" "4557774" "4575886" "4647484" "5080944" "5082705" "5114773" "5501895").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/13 12:59
L11	9	("4138521").URPN.	USPAT	OR	OFF	2005/09/13 12:50
L8	57	2 and (nonwoven non-woven)	USPAT	OR	OFF	2005/09/13 12:46
L9	1	4 and (nonwoven non-woven)	USPAT	OR	OFF	2005/09/13 12:46
L10	4	("4138521").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:46
L5	17	("4698258").URPN.	USPAT	OR	OFF	2005/09/13 12:45
L6	0	5 and granules	USPAT	OR	OFF	2005/09/13 12:45
L7	4	5 and particles	USPAT	OR	OFF	2005/09/13 12:45
L4	2	("4698258").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:44
L3	27	2 and floor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:43
L2	282	foamable same granules	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:38
L1	4	("3272688").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:37
S1	1	10/729,363	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 10:05
S20	67	S19 and ((silica or polyester) near3 fibers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 09:16
S22	2	("6022818").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 09:16

S23	2	("5508102").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 09:16
S5	159518	(sandwich laminate composite) and (core intermediate middle) and layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:55
S19	531	S5 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:55
S21	112	S19 and ((glass or silica or polyester) near3 fibers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:55
S8	246	S7 and (pvc or (polyvinyl adj chloride))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:54
S17	4	("3269887" "4051296" "4477707").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/13 08:54
S18	1935	core near5 (pvc or (polyvinyl adj chloride))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:54
S16	6	("5019197").URPN.	USPAT	OR	OFF	2005/09/13 08:51
S14	10	("4469543") or ("4770929") or ("5560985") or ("5354604") or ("5344687").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:50
S15	12	("4938819") or ("5019197") or ("4317939") or ("4399236") or ("4339358").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:50
S12	3386	S11 and (pvc or (polyvinyl adj chloride))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:44
S13	4	("3272688").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:44
S9	199	S8 and fiber\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:41

S10	207063	substrate and (flooring wall tile carpet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:41
S11	21275	S5 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:41
S6	14781	S5 and floor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:25
S7	750	S6 and impregnation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:25
S4	2180	(442/381,394,396,417,164,172, 173).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:24
S3	20	(subfloor or sub-floor) and laminate and plastisol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/12 16:15



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D04H 13/00

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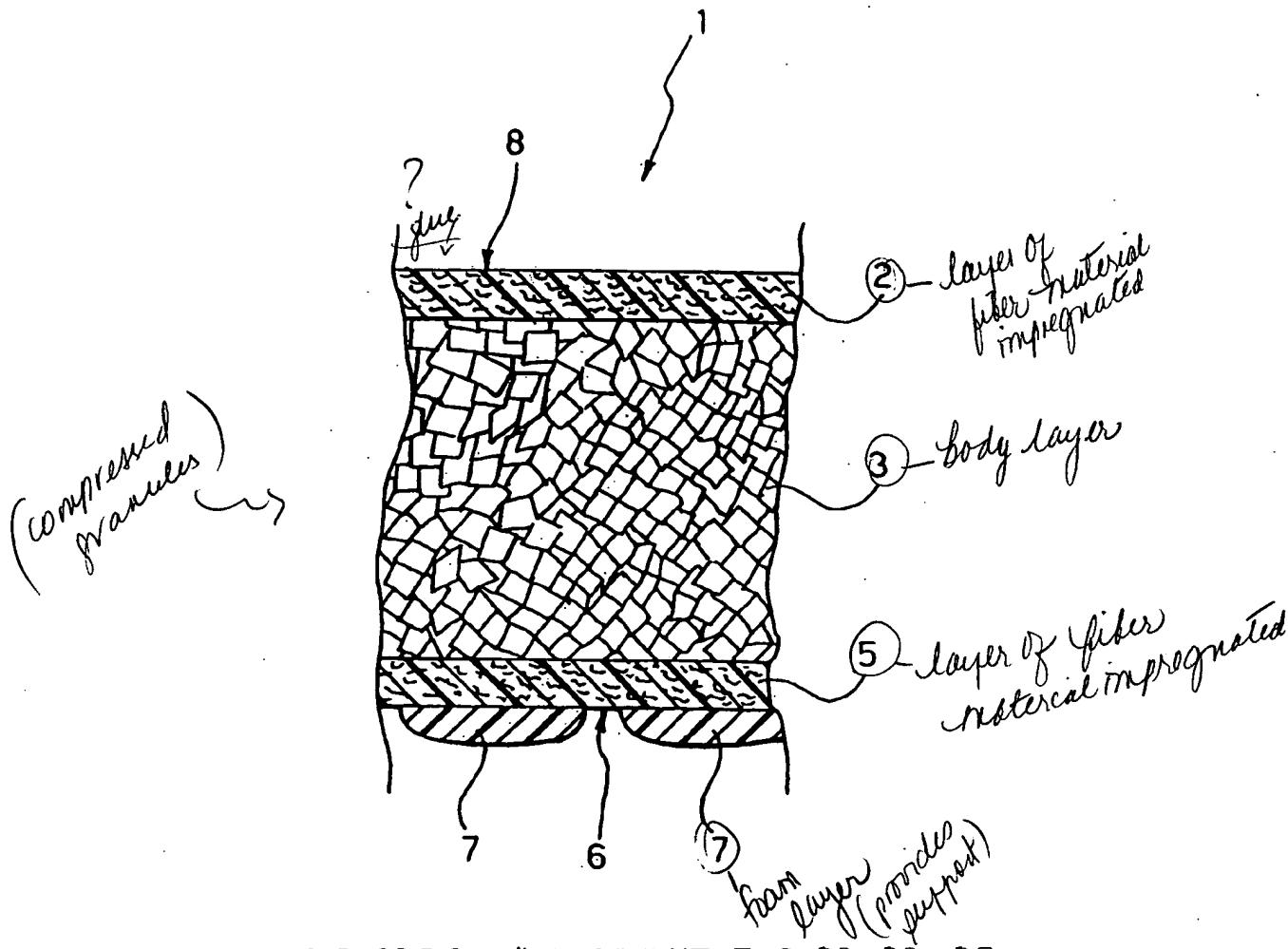
(30) Foreign Application Priority Data

Dec. 6, 2002 (EP) 02425752.9

(57)

ABSTRACT

The present invention relates to a flexible sheet having a composite structure for stabilizing coatings, comprising a first layer of fiber material and a second layer of fiber material impregnated by a first and a second impregnating material, respectively, and a body layer set between said first layer and said second layer according to a general sandwich structure, where the body layer consists of a third material. The first and the second impregnating materials and the third material constituting the body layer are polymeric materials presenting a substantial affinity, so that the flexible sheet has a physically heterogeneous and chemically homogeneous structure.



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EUROPEAN SEARCH REPORT

Application Number

EP 02 42 5752

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)		
X	DE 195 44 451 A (BASF AG) 5 June 1997 (1997-06-05) * column 1, last paragraph; claims * --- EP 0 781 648 A (DANUBIA PETROCHEM POLYMERE ;LENSER KUNSTSTOFF PRESS (DE)) 2 July 1997 (1997-07-02) * page 2, line 40 - line 41; claims; example 1 * * page 3, line 9 - line 16 * * page 3, line 37 - line 52 * --- EP 0 771 644 A (BAYERISCHE MOTOREN WERKE AG ;BAYER AG (DE)) 7 May 1997 (1997-05-07) * column 1, paragraph 1; claims 1-4,7; example 3 * * column 2, line 31 - line 47 * * column 3, line 13 - line 16 * --- EP 0 203 042 A (MONDO RUBBER SPA) 26 November 1986 (1986-11-26) * page 2, last paragraph - page 3, line 7; claims 1-4,9; figure 2 * * page 4, paragraph 1 - paragraph 2 * * page 7, line 17 - page 9, line 17 * --- US 3 272 688 A (SMITH MERRILL M ET AL) 13 September 1966 (1966-09-13) * column 1, line 18 - line 22; figure 4 * * column 1, line 53 - line 57 * * column 4, line 23 - line 33 * * column 4, line 59 - line 64 * --- -/-	1,2,4,7 1-4 1 1-4,14 1-9	B32B27/12 E04F15/10 B32B E04F		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)		
D,A					
A					
The present search report has been drawn up for all claims					
Place of search	Date of completion of the search	Examiner			
THE HAGUE	9 May 2003	Pamies Olle, S			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document					
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document					